

OHIO SEA GRANT AND STONE LABORATORY

# Ohio's Clean Marinas Program: Impacting Water Quality through Outreach

SARAH ORLANDO  
*Ohio Sea Grant*



# Outline

- Overview of Ohio Clean Marinas Related Programs
- Why Should We Care?
- Program Implementation
- Best Management Practices
- Reasons for Success



# What is a Clean Marina Program?

- A voluntary, incentive-based program.
- Offers guidance and technical assistance on Best Management Practices (BMPs) to prevent or reduce pollution.
- Participants in the program are recognized for their environmental stewardship.



# Ohio Clean Marinas-Related Programs

- Ohio Clean Marinas Program
- Ohio Clean Boater Program
- Ohio Shrink Wrap Recycling Program

- **Educating** marinas and boaters on best management practices
- **Encouraging** voluntary, incentive-based participation
- **Protecting** 3,965 square miles of water and 312 miles of Ohio Lake Erie shoreline



# Partnership/Funding Mechanism

## Partners

- Ohio Dept. of Natural Resources (ODNR)
  - Office of Coastal Management
  - Division of Parks and Watercraft
- Ohio Sea Grant
- Lake Erie Marine Trade Association
- Ohio Environmental Protection Agency
- Ohio Dept. of Health
- Ohio Dept. of Commerce
- US Coast Guard
- US Army Corps of Engineers
- Greater Cleveland Boating Association
- Private Sector Marinas



## Funding

- ODNR Office of Coastal Management
  - National Oceanic & Atmospheric Administration
- ODNR Division of Parks & Watercraft
- Ohio Sea Grant
  - OSU Extension



# Why should we care?



- Marinas act as a final defense before pollution enters our waterways – our sources of drinking water and recreational activities
- Opportunity to engage marinas in the protection of the very resource they need to thrive as a business
- Balance of economy and environment encourages a sustainable, long-term marina industry

# Potential Environmental Impacts



Photo – Vicky Harris, UW Sea Grant

- Suspended solids cause turbidity and carry metals
- Pollutants can accumulate in water, sediments and aquatic food chain
- Biodegradation lowers dissolved oxygen
- Oil and grease harm aquatic life
- Phosphorus in detergents promote algae growth



# Program Implementation

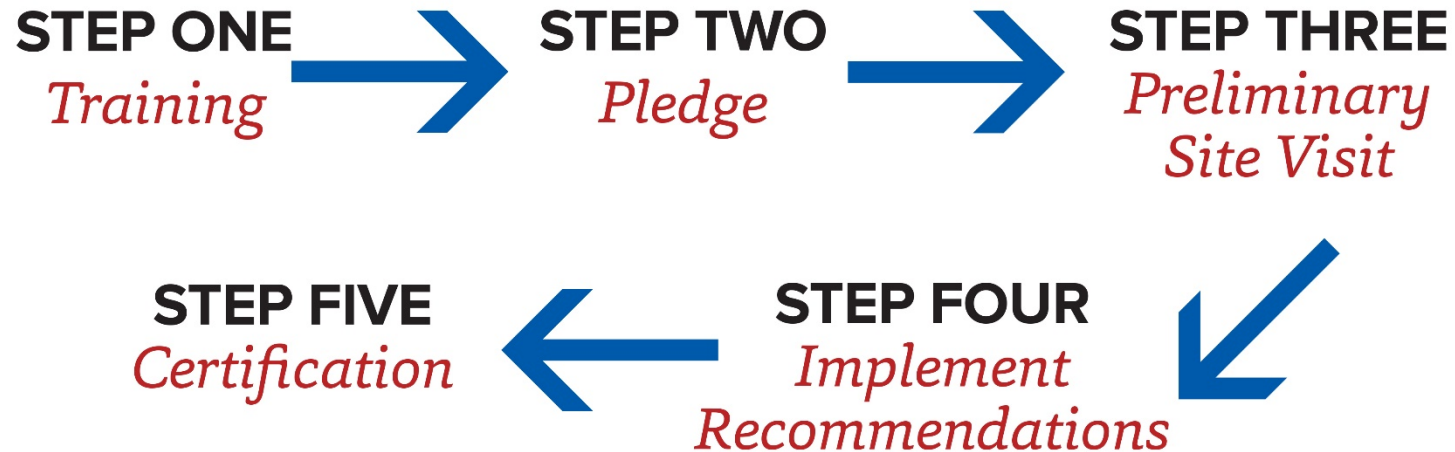
- In-Person Workshops
- Special Topic Webinars
- Site Visits
- Communication via phone, email, mail
- Education and outreach at events

.....BUILDING TRUST!





# THE CERTIFICATION PROCESS



# Stakeholder Engagement



**Business Retention & Expansion Initiative  
of Ohio's Lake Erie Marina Industry**

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**A Survey of Lake Erie Marina Businesses in 2014**

Please complete and return this questionnaire  
in the enclosed, stamped envelope  
by **SEPTEMBER 22, 2014** to:

Sarah Orlando  
Ohio Clean Marinas Program  
105 West Shoreline Drive  
Sandusky, OH 44870  
Phone: (419) 609-4120


OR:

Complete and submit the questionnaire online by accessing  
<http://seagrant.ohio-state.edu/ohio-clean-marinas>  
and clicking the "Marina Owners Survey - 2014" link under "Boating on Lake Erie".

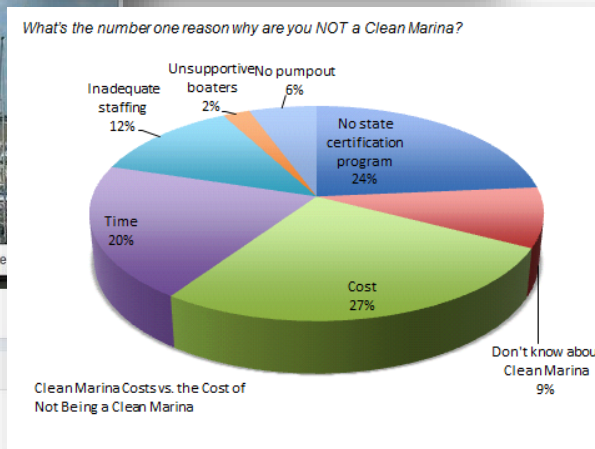
Please provide the following information:

Name of your business: \_\_\_\_\_  
Your first and last name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Street Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Country: \_\_\_\_\_  
Phone number: \_\_\_\_\_  
Fax number: \_\_\_\_\_  
E-mail address: \_\_\_\_\_  
Are you an Ohio Clean Marina?: \_\_\_\_\_  
Today's date: \_\_\_\_\_

*Answer only those questions with which you feel comfortable. Feel free to note comments in the margins.*

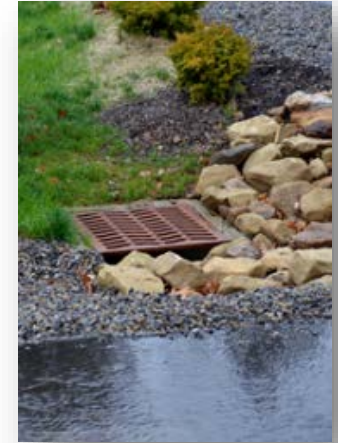
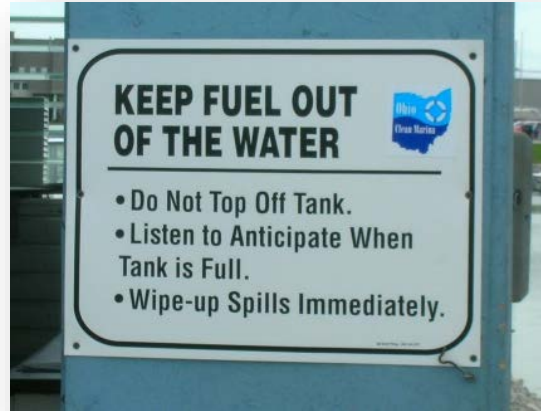


- Survey and respond to marinas based on their needs
- Casual, informal interaction with marinas and boaters at outreach events
- Ohio Clean Marinas Facebook page initiated January 2013





# Examples of Best Management Practices





# Reasons for Long-Term Success - Partnerships



# Reasons for Long-Term Success - Relevance





# Reasons for Long-Term Success - Impacts

79

*Certified Ohio Clean Marinas*

50

*Pledged Ohio Clean Marinas*

5,609+

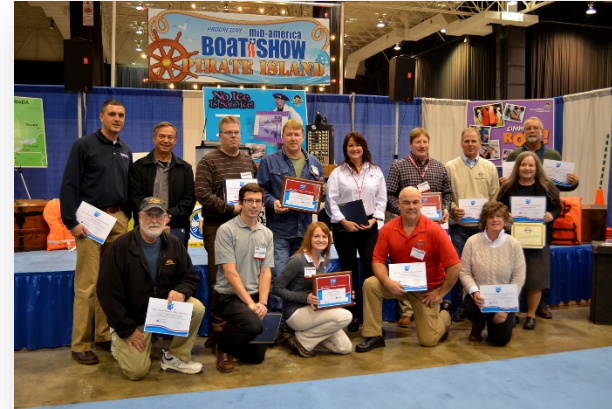
*best management practices implemented*

2,700+

*Ohio Clean Boaters*

2.29+

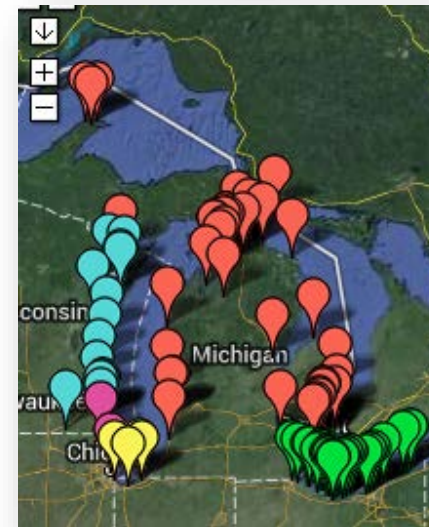
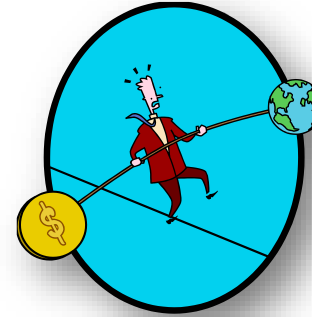
*million pounds of shrink wrap recycled*





# Reasons for Long-Term Success - **Leadership**

- Liaison
- Unbiased Source of Information
- Ohio Clean Marinas Advisory Board
- Great Lakes Clean Marina Network



# Additional Partnerships

- Lake Erie Marine Trades Association
- Monofilament Recycling Program
- 4R Nutrient Stewardship Certification Program





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# THANK YOU!

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### Find Out More:

[ohioseagrant.osu.edu/clean](http://ohioseagrant.osu.edu/clean)  
[glcleanmarina.org](http://glcleanmarina.org)

[facebook.com/ OhioCleanMarinasCleanBoaters](https://facebook.com/OhioCleanMarinasCleanBoaters)

### OHIO CLEAN MARINAS PROGRAM ACKNOWLEDGEMENTS

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